

# Achievements

2022-2023

## STUDENTS ACHIEVEMENTS

Mr. Ujwal Krishna, Mr. Kedarnath, and Mr. Alan George, Students from S6 Mechanical under the Guideship of Asst Prof Ritwik A, Have been awarded Rs 50000/- for their academic project – “Design and fabrication of portable magnetic refrigerator” under the ISHRAE student activities initiative of student Research project grant-under graduate(SRPG-UG)

## DEPARTMENT ACHIEVEMENTS

The AICTE has awarded a project funding of 10.73 lakhs to the Department of Mechanical Engineering for the project “Design and Testing of active magnetic regeneration system” in the academic year 2022-23. The Principal Investigator is Dr. Rajesh Kocheril (HOD, ME).



A team representing Toc H Institute of Science and Technology from the Department of Mechanical Engineering participated in the Drone Dance competition, hosted by Bharatiyam Drone during the year 2021 in which they came out in the 11<sup>th</sup> position at the National level. Team members Consist of: C A Paulose (Drone Pilot), Arun Mathew (Videography), Assistant Professor, Shajan K Thomas(Project Head), Associate Professor, Dr. Rajesh Kocheril(Head of the Department).

A team representing Toc H Institute of Science and Technology from the Department of Mechanical Engineering participated in the 2-day Drone Hackathon conducted by Kerala Police Cyber drone on December 16-17<sup>th</sup>, 2021, at Trivandrum. The team headed by Assistant Professor Shajan K Thomas, C A Paulose was the student representative from the college.



### STUDENT ACHIEVEMENTS



Pulkit Deepak Khatri, S8, Department of Mechanical, Toc H Institute of Science and Technology, won “the topper award Zone 2 (college level)”, in the Mech prize merit scholarship program conducted by NACTET (National Council for Technology and Training). The award presented by honorable minister Mrs. Chinchu Rani (Minister for Animal husbandry, Dairy development, Govt of Kerala) during the winners meet event held on 14/07/2022 at Trivandrum.

## **FACULTY ACHIEVEMENTS**

**NACTET** (National Council for Technology and Training), awarded Prof. Shajan K Thomas (Department of Mechanical Engineering, Toc H Institute of Science and Technology Arakunnam, Ernakulam) with a memento for winning the best “Mech Prize Scholarship Coordinator Zone 2” over more than 100 Engineering and polytechnic colleges from the state of Kerala. Mech Prize Scholarship program is conducted every year for the final year engineering students from mechanical and civil engineering departments all over Kerala. The award was presented by our Honourable minister Mrs. Chinchu Rani (Minister for Animal husbandry, Dairy Development, Govt of Kerala) during the winners meet event held on 14/07/2022 at Trivandrum.



Assistant professor Ritwik A ,got INNOVATION PATENT for developing “A SYSTEM AND METHOD FOR EXTRACTING COCONUT ENDOSPERM WITHOUT BREAKING ITS SHELL.

## **STUDENTS ACHIEVEMENTS**

Alvin Johnson of S5 mechanical student wins a gold medal in the Olympic district level wushu competition.

Mark Anthony of S3 mechanical student wins 2 bronze medals and 2 silver medals in the district karate championship 2022

Basil Biju and Xavier Johnson of S5 mechanical win the Interdepartmental Badminton Tournament

The students of the Department of Mechanical Engineering emerged the winners of the Interdepartmental Football Competition

Basil Thankachan of S1 mechanical securing GOLD medal in district level archery championship

Alvin Johnson of S6 mechanical student win a BRONZE medal in the state Olympic wushu championship

1. The Kerala State Council for Science, Technology and Environment (KSCSTE) recognized and recommended a student's project titled Multi Spindle Nut Runner from the Department of Mechanical Engineering for financial support of Rs 10,000/-.

	Asst. Professor Agosh M C supervised the project.
	Mr. Alen Sebastian, Mr. Anand S, and Mr. Akshay Saju are the student investigators

2. The Kerala State Council for Science, Technology and Environment (KSCSTE) selected and recognized a student's project titled DESIGN AND FABRICATION OF FOLDABLE ELECTRIC BICYCLE from the Department of Mechanical Engineering for financial assistance of Rs 10,000/-.

	Asst. Professor ANOOF M.S. supervised the project.
	Mr. MITHUN MATHEW, Mr. ROVINSHA SHAJI, and Mr. MATHEW MOHAN are the student investigators.